

Xantrex™ PRO 1000 & 1800 Inverters

xantrex™



XM 1000 and XM 1800
modified sine wave inverters
with transfer switch

Performance inverters designed for RVs and boats

Designed for RV and marine electrical systems that already have a battery charger or generator installed, Xantrex PRO Inverters deliver modified sine wave power for small appliances, TVs, and other onboard electronics from a battery bank. The XM 1000 and 1800 models are the perfect complement to generators when shore power is unavailable, to quietly and efficiently provide household power when needed.

The Xantrex PRO Series design is both user friendly and versatile. These inverters feature a detachable, digital remote control to display precise inverter, AC source and battery status information from one convenient location. A built-in transfer switch automatically detects when generator or shore power status changes to ensure power is always available.

Both XM 1000 and 1800 models are designed for demanding RV and marine conditions. They meet FCC Class B regulations to eliminate interference potential with other electronics, while UL 458 certification means they meet strict RV and marine safety standards. Versatile enough to be mounted either horizontally or vertically, these inverters can be easily installed to fit into any compartment. Conformal coated boards also minimize the chance of problems from moist operating conditions.

Performance Features

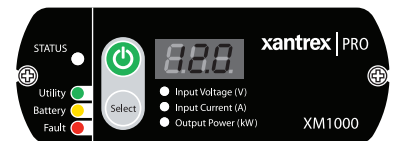
- ▶ 1000/1800W inverter easily powers TVs, small appliances, and other electronics
- ▶ Built-in 15A circuit breaker on AC pass-through
- ▶ Up to 15A/20A pass through for hardwired loads for XM1000/XM1800 respectively
- ▶ Digital remote control displays power output, AC source and battery voltage
- ▶ Detachable remote control can be mounted wherever convenient
- ▶ Conformal coated electronics provide moisture resistance
- ▶ Designed to be hard-wired using a terminal strip or by connecting AC through a GFCI receptacle (included)

Protection Features

- ▶ Battery over-voltage and under-voltage protection
- ▶ Over temperature shutdown
- ▶ Automatic overload protection
- ▶ Short-circuit protection
- ▶ Ground fault protection



ETL approved to UL 458



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Electrical Specifications

| Models | XM1000 | XM1800 |
|-------------------------------|--------------------|--------------------|
| Maximum continuous power | 1000 W | 1800 W |
| Surge rating | 2000 W | 3600 W |
| Output current (continuous) | 8.3 A | 15 A |
| Output voltage (at no load) | 115 V +/- 10 V | 115 V +/- 10 V |
| Output frequency | 60 Hz +/- 1 Hz | 60 Hz +/- 1Hz |
| Output waveform | Modified sine wave | Modified sine wave |
| Peak efficiency | 88% | 88% |
| No load power draw | < 6 W | < 6 W |
| Power draw in standby mode | < 2 W | < 2 W |
| Input operating voltage range | 11.0-15.5 VDC | 11.0-15.5 VDC |
| Transfer relay rating | 15 A | 20 A |
| Transfer time | 40 milliseconds | 40 milliseconds |

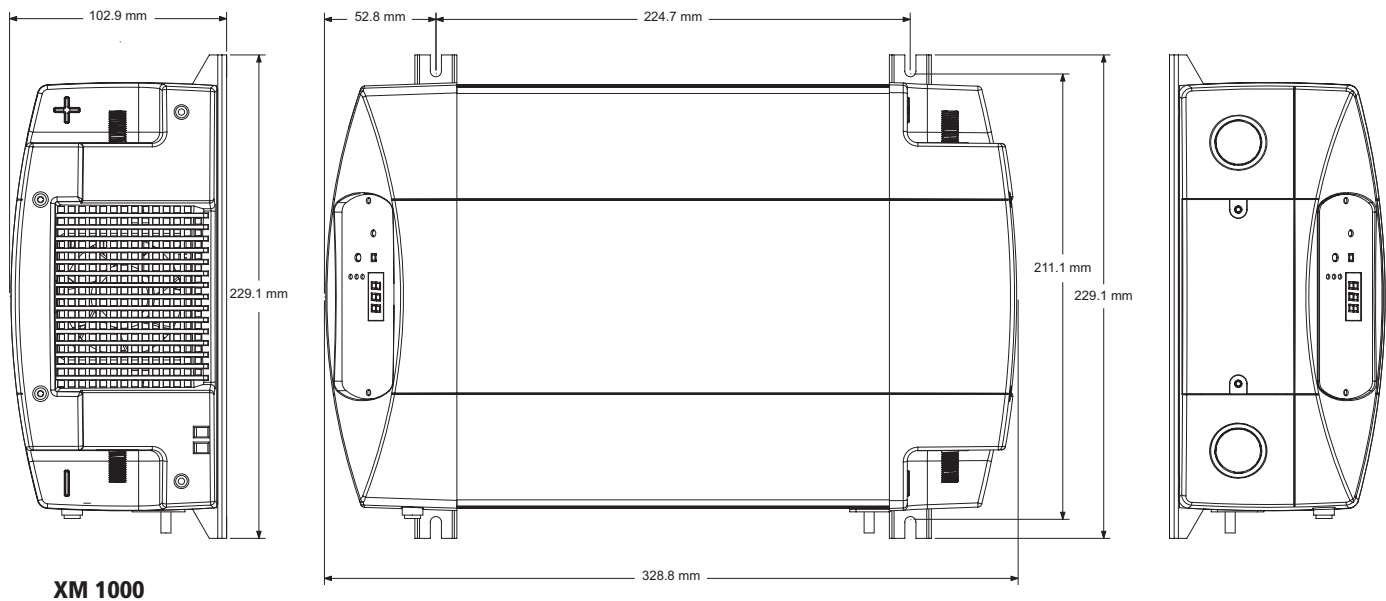
General Specifications

| | | |
|-----------------------------|-------------------|-------------------|
| Operating temperature range | 0°C - 40°C | 0°C - 40°C |
| Storage temperature range | -20°C - 60°C | -20°C - 60°C |
| AC receptacles | 2 | 2 |
| Recommended DC fuse | 150 A | 250 A |
| Dimensions (H x W x D) | 103 x 211 x 329mm | 103 x 211 x 393mm |
| Weight (lbs) | 7.5 | 9.5 |
| Warranty | 1 year | 1 year |
| Part numbers | 806-1010 | 806-1810 |

Regulatory Approvals

FCC Class 'B', UL 458

Note: Specifications subject to change without notice.



XM 1000